

# (12) United States Patent

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(54) TELEVISION SIGNAL PROCESSOR THAT IS OPERABLE TO GENERATE A TELEVISION SIGNAL FROM BROADCAST WAVES WITH A PLURALITY OF DIFFERENT BROADCAST STANDARDS

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### (57) ABSTRACT

In an effective display area, an additional information recognizing part 203 recognizes a standard of a broadcast wave, refers to a ROM 212 and selects a target value, and provides an internal clock of a video data reading part 205 and an internal clock of an OSD data reading part 206 with the target value. At a retrace interval, on the other hand, the additional information recognizing part 203 notifies an additional information synthetic position deciding part 210 of the standard of the broadcast wave. The additional information synthetic position deciding part 210 selects from a ROM 211 a target value for reading the additional information applicable to the notified standard, and outputs the target value to an additional information reading parts 207. When the standard of the broadcast wave is changed, target values corresponding to the changes are responsively selected from the ROM 212 and the ROM 211.

## 6 Claims, 8 Drawing Sheets

